ARI

News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

A0300-1A

FOR IMMEDIATE RELEASE
November 4, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

Heat Pumps Pace September Surge

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during September totalled 244,709, an increase of 7.7 percent over September 1984.

Year-to-date shipments were 2,651,187, down 2.1 percent compared to January-September a year ago.

Included in the September figures were 67,728 shipments of heat pumps, a 42.5 percent increase over shipments in September 1984.

Culmulative shipments of heat pumps for the first nine months of 1985 were 620,331, 8.1 percent more than January-September 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about November 12. The information in these two news releases also will continue too be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date SEPTEMBER 1985

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS: CONDENSER-TYPE AIR OR EVAP. COOLED A	NUMBER OF UNITS: CONDENSER-TYPE WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		5629		5629	23.4+
	16.5-21.9		32951		32951	15.0+
	22-26.9		51719		51719	11.0+
	27-32.9		39747		39747	1.8-
	33-38.9		49006	68	49074	9.7+
	39-43.9		15667		15667	2.1+
	44-53.9		19615		19615	9.3+
	54-64.9		18968	74	19042	8.3+
	65-96.9		4521	67	4588	3.5+
	97-134.9		2931	94	3025	9.4-
	135-184.9		1430	44	1474	24.5-
	185-249.9		857	42	899	38.7+
	250-319.9		317	22	339	.6+
	320-379.9		210	17	227	43.7+
	380-539.9		194	44	238	72.5+
	540-639.9		146	58	204	74.4+
	640 and over		229	36	265	43.2+
	TOTAL		244143	566	244709	7.7

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News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

A0300:1A

FOR IMMEDIATE RELEASE
December 9, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

October increases 3 % from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during October totalled 227,153, an increase of 3.0 percent over October 1984.

Year-to-date shipments were 2,878,340, down 1.7 percent compared to January-October a year ago.

Included in the October figures were 67,605 shipments of heat pumps, a 10.4 percent increase over shipments in October 1984.

Culmulative shipments of heat pumps for the first 10 months of 1985 were 687,936, 8.3 percent more than January-October 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about December 18. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date OCTOBER 1985

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		7025		7025	23.7+
	16.5-21.9		32081		32081	5.0-
	22-26.9		46913		46913	.3+
	27-32.9		34533		34533	1.6+
	33-38.9		41844	44	41888	2.9+
	39-43.9		14702		14702	5.0+
	44-53.9		18299		18299	9.0+
	54-64.9		19958	100	20058	17.4+
	65-96.9		4570	46	4616	3.7+
	97-134.9		2380	64	2944	9.4-
	135-184.9		1831	26	1857	8.2-
	185-249.9		750	13	763	7.6+
	250-319.9		401	28	429	3.4+
	320-379.9		402	34	436	43.4+
	380-539.9		198	12	210	31.6-
	540-639.9		93	45	138	27.8+
	640 and over		232	29	261	31.2+
	TOTAL		226712	441	227153	3.0

ARI
News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

A0300-1

FOR IMMEDIATE RELEASE
January 7, 1986

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

Year-to-date only 0.8% off record

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during November totalled 197,882, an increase of 13.6 percent over November 1984.

Year-to-date shipments were 3,076,222 down 0.8 percent compared to January-November of the 1984 record year.

Included in the November figures were 63,020 shipments of heat pumps, a 27.9 percent increase over shipments in November 1984.

Culmulative shipments of heat pumps for the first 11 months of 1985 were 750,956, 9.7 percent more than January-November 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about January 15. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date NOVEMBER 1985

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	% CHG. FROM 1984
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16 5		5046		5046	7.2-
	16 5-21 9		28091		28091	28.1+
	22-26 9		39673		39673	7.1+
	27-32 9		31214		31214	14.1+
	33-38 9		37772	36	37808	20.6+
	39-43 9		13229		13229	10.4+
	44-53 9		15795		15795	5.1+
	54-64 9		16078	80	16158	12.7+
	65-96 9		4338	67	4405	16.8+
	97-134 9		2755	44	2799	9.8+
	135-184 9		1645	24	1669	8.2+
	185-249 9		745	34	779	23.3+
	250-319 9		327	31	358	13.3+
	320-379 9		226	35	261	17.4-
	380-539 9		184	38	222	1.8-
	540-639 9		128	19	147	20.1-
	640 and over		215	13	228	3.6+
	TOTAL		197461	421	197882	13.6

ARI News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

214/86
A0300-1

FOR IMMEDIATE RELEASE
January 31, 1986

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

1985 only .5% short of 1984 record year,
heat pumps set new record

ARLINGTON, Va. -- Total 1985 U.S. shipments of unitary air conditioners and heat pumps reached 3,290,510, only 0.5 percent less than the 1984 record year. This was considerably better than the 3 to 5 percent decrease that was originally anticipated for the 1985 shipment year.

December shipment figures totaled 214,288, an increase of 3.7 percent over December 1984.

Culmulative shipments of heat pumps for the full year 1985 achieved a record 820,623, 10.7 percent more than 1984. The previous record in 1984 was 745,195.

In December, 69,667 heat pumps were shipped, a 14.9 percent increase over the final month of last year.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about February 10. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date DECEMBER 1985

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	% CHG. FROM 1984
			AIR OR EVAP COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		5402		5402	24.1-
	16.5-21.9		27434		27434	.4+
	22-26.9		46608		46668	5.1+
	27-32.9		34994		34994	7.1+
	33-38.9		39857	26	39883	.4-
	39-43.9		15375		15375	12.0+
	44-53.9		17468		17468	19.8+
	54-64.9		16814	81	16895	1.9+
	65-96.9		3692	46	3738	3.9-
	97-134.9		2639	47	2686	5.1-
	135-184.9		1049	32	1681	12.9+
	185-249.9		640	19	659	18.8-
	250-319.9		360	22	382	5.4-
	320-379.9		212	53	265	3.0-
	380-539.9		238	50	288	49.2+
	540-639.9		109	53	162	5.2+
	640 and over		277	31	308	46.7+
	TOTAL		213828	460	214288	3.7+

2/18/86 A0300-1

ARI News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

FOR IMMEDIATE RELEASE
February 13, 1986

FOR MORE INFO: Bruce K. Davis

Unitary shipments -----

**1985 only .5% short of 1984 record year,
heat pumps set new record**

ARLINGTON, Va. -- Total 1985 U.S. shipments of unitary air conditioners and heat pumps reached 3,290,510, only 0.5 percent less than the 1984 record year. This was considerably better than the 3 to 5 percent decrease that was originally anticipated for the 1985 shipment year.

December shipment figures totaled 214,288, an increase of 3.7 percent over December 1984.

Culmulative shipments of heat pumps for the full year 1985 achieved a record 820,623, 10.7 percent more than 1984. The previous record in 1984 was 745,195.

In December, 69,667 heat pumps were shipped, a 14.9 percent increase over the final month of last year.

December factory stocks were down 57,700 units from November and were down about 73,500 from December 1984.

Distributor shipments for December were down 11 percent from December 1984, but year-to-date shipments are up 2 percent.

Distributor inventories were down 11,800 units compared to November, and up some 6,500 units over December 1984.

U.S. dollar December bookings of hermetic centrifugals were up 40 percent, making the year-to-date percentage up 20 percent compared to 1984.

December U.S. dollar bookings of reciprocating liquid chillers were up 22 percent, increasing the year-to-date gain to 8 percent.

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(See reverse side for Condensed Yearly Summary by Size.)

AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date DECEMBER YTD, 1985

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		75954	30	75984	18.8+
	16.5-21.9		404331	14	404345	3.6+
	22-26.9		699074		699074	2.9-
	27-32.9		560111		560111	6.6-
	33-38.9		664897	805	665702	.8-
	39-43.9		226788		226788	3.9-
	44-53.9		262649		262649	5.7+
	54-64.9		251946	1647	253593	3.9+
	65-96.9		56541	968	57509	4.3+
	97-134.9		37139	908	38047	2.1+
	135-184.9		22505	510	23015	5.2+
	185-249.9		8242	365	8607	13.7+
	250-319.9		3982	354	4336	2.9+
	320-379.9		2999	417	3416	22.0+
	380-539.9		2372	352	2724	6.8+
	540-639.9		1415	390	1805	18.8+
	640 and over		2558	247	2805	30.2+
	TOTAL		3283503	7007	3290510	.5-

ADDITIONAL INFORMATION

The condensed summary by size includes shipments of:

1. Air-Conditioners (except window and wall types) - with or without condensers and refrigeration chasis.
2. Year-Round Air-Conditioners - with or without condensers.
3. Heat Pumps (except room air-conditioners) - single package and split heat pumps, excluding water source.
4. Split Systems - Air-Conditioners condensing units only, excluding shipments of coils with or without blower.

A0300-1

ARI News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

FOR IMMEDIATE RELEASE
March 21, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

January down 4.3 % from 1985

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during January totalled 255,754, a decrease of 4.3 percent from January 1985.

Included in the January figures were 65,143 shipments of heat pumps, a 1.6 percent decrease from January 1985.

January factory stocks, distributor shipments, and distributor inventories information is incomplete at this time and will be reported in April.

Reporting U.S. dollar bookings of centrifugals has been changed to reflect both hermetic and open types. Because this item only compares the previous year, it will resume as a new item in April 1987 with January 1987 figures.

January U.S. dollar bookings of reciprocating liquid chillers were down 7 percent compared to January 1985.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date JANUARY 1986

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985
CONDENSED SUMMARY BY SIZE	Under 16.5		4432		4432	30.6-
	16.5-21.9		33398		33398	10.0+
	22-26.9		57723		57723	5.3-
	27-32.9		45240		45240	10.6-
	33-38.9		51716	45	51761	3.3-
	39-43.9		16483		16483	9.4-
	44-53.9		20318		20318	3.9+
	54-64.9		17566	106	17672	6.3-
	65-96.9		3460	47	3507	1.7-
	97-134.9		2395	29	2424	6.3+
	135-184.9		1310	12	1322	7.4-
	185-249.9		479	9	488	3.2+
	250-319.9		201	25	226	.4-
	320-379.9		184	29	213	1.4-
	380-539.9		164	36	200	6.4+
	540-639.9		98	23	121	.8-
	640 and over		196	30	226	13.0+
	TOTAL		255363	391	255754	4.3-

ARI News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209. (703) 524-8800. Telex 89-2351. Telecopier (703) 528-3816

AD 300 - IA

FOR IMMEDIATE RELEASE
April 7, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

February soars 28.8% over 1985, heat pumps increase 37.2%

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during February totalled 287,836, an increase of 28.8 percent over February 1985.

Year-to-date shipments were 543,590, up 10.8 percent compared to January-February figures a year ago.

Included in the February figures were 69,899 shipments of heat pumps, a 37.2 percent increase over shipments in February 1985.

Culmulative shipments of heat pumps for the first two months of 1986 were 135,042, 15.3 percent more than January-Febraury 1985.

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(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about April 15. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date FEBRUARY 1986

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

			UNITED STATES							
			NUMBER OF UNITS							
			CONDENSER-TYPE							
	SIZE BTUH (000)		AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985				
CONDENSED SUMMARY BY SIZE	Under 16.5		4355		4355	16.3+				
	16.5-21.9		31961		31961	15.3+				
	22-26.9		58741		58741	17.3+				
	27-32.9		54207		54207	42.5+				
	33-38.9		63502	58	63560	45.9+				
	39-43.9		20594		20594	31.8+				
	44-53.9		22541		22541	26.5+				
	54-64.9		21577	58	21635	23.8+				
	65-96.9		4240	62	4302	13.8+				
	97-134.9		2683	52	2735	8.4+				
	135-184.9		1637	34	1671	10.8+				
	185-249.9		474	11	485	9.7-				
	250-319.9		335	18	353	13.5+				
	320-379.9		200	12	212	1.9-				
	380-539.9		127	43	170	9.7+				
	540-639.9		86	23	109	13.5+				
	640 and over		178	27	205	5.1-				
	TOTAL		287438	398	287836	28.8				

A0300-1

ARI News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

FOR IMMEDIATE RELEASE
May 6, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

March up 0.9 %, year 7% ahead

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during March totalled 308,536, an increase of 0.9 percent over March 1985.

Year-to-date shipments were 852,126, up 7.0 percent compared to January-March figures a year ago.

Included in the March figures were 73,940 shipments of heat pumps, a 7.2 percent increase over shipments in March 1985.

Culmulative shipments of heat pumps for the first three months of 1986 were 208,982, 12.3 percent more than January-March 1985.

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(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about May 15. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date MARCH 1986

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985
CONDENSED SUMMARY BY SIZE	Under 16.5		8173		8173	25.7+
	16.5-21.9		35354		35354	7.0-
	22-26.9		66402		66402	3.2-
	27-32.9		57826		57826	.8+
	33-38.9		60932	37	60969	5.7+
	39-43.9		21197		21197	7.3+
	44-53.9		24093		24093	1.8+
	54-64.9		22835	137	22972	4.0+
	65-96.9		4738	56	4794	1.8-
	97-134.9		3003	56	3059	4.9-
	135-184.9		1962	41	2003	3.1+
	185-249.9		552	16	568	18.5-
	250-319.9		241	35	276	40.3-
	320-379.9		200	39	239	13.7-
	380-539.9		198	78	276	21.6+
	540-639.9		100	47	147	14.0-
	640 and over		174	14	188	33.6-
	TOTAL		307980	556	308536	.9

ARI News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

A0300-1

FOR IMMEDIATE RELEASE
June 6, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

April up 9.6%, year 7.7% ahead;
Heat pumps 18.3% ahead of 1985

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during April totalled 329,041, an increase of 9.6 percent over April 1985.

Year-to-date shipments were 1,818,167, up 7.7 percent compared to January-April figures a year ago.

Included in the April figures were 79,888 shipments of heat pumps, a 37.6 percent increase over shipments in April 1985.

Culmulative shipments of heat pumps for the first four months of 1986 were 288,870, 18.3 percent more than January-April 1985.

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(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about June 15. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date APRIL 1986

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

			UNITED STATES							
			NUMBER OF UNITS							
			CONDENSER-TYPE							
	SIZE BTUH (000)		AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985				
CONDENSED SUMMARY BY SIZE	Under 16.5		5803		5803	6.0+				
	16.5-21.9		37554		37554	11.5+				
	22-26.9		66564		66564	4.8+				
	27-32.9		61194		61194	16.5+				
	33-38.9		70230	88	70318	6.4+				
	39-43.9		23881		23881	16.0+				
	44-53.9		24900		24900	1.1-				
	54-64.9		26600	159	26759	26.8+				
	65-96.9		5092	84	5176	6.3+				
	97-134.9		3062	80	3142	11.8-				
	135-184.9		1903	51	1954	2.7+				
	185-249.9		531	34	565	2.7+				
	250-319.9		336	29	365	39.3+				
	320-379.9		202	30	232	26.3-				
	380-539.9		142	60	202	23.5-				
	540-639.9		153	29	182	11.7+				
	640 and over		229	21	250	76.1+				
	TOTAL		328376	665	329041	9.6+				

ARI News Release

from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

FOR IMMEDIATE RELEASE
July 11, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

May up 10.2%, year 8.3% ahead;
Heat pumps 18% ahead of 1985

Latest key trend indicators compiled by ARI for the air conditioning, refrigeration, and heating industry show business remains excellent, increasing slightly to 8.3 percent from 1985 as of the end of May.

U.S. shipments of unitary air conditioners and heat pumps during May:
- o totalled 357,953,
- o up 10.2% from May 1985,
- o year-to-date total 1,539,120,
- o up 8.3% from January-May 1985.

Heat pump shipments included in the May figures:
- o totalled 82,214,
- o up 17.1% from May 1985,
- o year-to-date total 371,084,
- o up 18.0% from January-May 1985.

May factory stocks:
- o up 27,600 units from April,
- o down about 99,000 units from May 1985.

May distributor shipments:
- o down 2% from May 1985,
- o year-to-date shipments up 2%.

May distributor inventories:
- o up 67,800 units from April,
- o up some 91,000 units from May 1985.

May U.S. dollar bookings of reciprocating liquid chillers:
- o up 9% from May 1985,
- o year-to-date up 13%.

(See reverse side for Condensed Summary by size.)

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date MAY, 1986

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985
CONDENSED SUMMARY BY SIZE	Under 16.5		5057		5057	47.7-
	16.5-21.9		40963		40963	5.9+
	22-26.9		76549		76549	8.9+
	27-32.9		62614		62614	16.6+
	33-38.9		79242	76	79318	15.4+
	39-43.9		26589	1	26590	22.3+
	44-53.9		27780		27780	11.7+
	54-64.9		24546	188	24734	3.1+
	65-96.9		5669	105	5774	11.1+
	97-134.9		3714	97	3811	11.6+
	135-184.9		2411	62	2473	4.7+
	185-249.9		788	30	818	1.2-
	250-319.9		380	34	414	21.4+
	320-379.9		286	37	323	9.3-
	380-539.9		269	56	325	38.9+
	540-639.9		115	21	136	8.7-
	640 and over		258	16	274	41.2+
	TOTAL		357230	723	357953	10.2+

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from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

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FOR IMMEDIATE RELEASE
May 13, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary air conditioning equipment -----

Estimated value exceeds $9 billion

ARLINGTON, Va. -- The estimated installed value of all unitary air conditioning equipment shipped for installation in the United States increased 2.04 percent from 1984 to 1985, exceeding $9 billion for the first time.

The Air-Conditioning and Refrigeration Institute reports that installed value of unitary equipment was $9,146,303,000 in 1985, a $182,950,000 increase over the previous record of $8,963,353,000 in 1984.

Commercial installations accounted for $2,999,588,000 of the total installed equipment while residential unitary installed equipment broke the $6 billion mark for the first time to achieve a record $6,146,715,000. These estimates, compiled from information supplied by manufacturers, are provided by ARI's Business Research Department.

"Installed value" includes the cost of a unitary air conditioner as shipped from the factory plus the cost of labor, ductwork, registers and grilles, thermostatic and other controls, electrical wiring, and other components of the system which is engineered by the contractor or dealer.

"Unitary" represents the equipment used in most central residential installations plus some commercial and industrial installations which use packaged equipment.

The following totals show the growth of the unitary air conditioning market over the past 30 years, particularly in central residential installations.

(more)

ESTIMATED INSTALLED VALUE OF UNITARY AIR CONDITIONERS

YEAR	RESIDENTIAL	COMMERCIAL	TOTAL
1956	$174,011,400	$290,796,100	$464,807,500
1957	176,230,800	226,582,300	402,813,100
1958	204,602,850	219,489,200	424,092,050
1959	266,675,850	283,136,700	549,812,550
1960	318,477,150	312,648,350	631,125,500
1961	338,139,000	280,286,300	618,425,300
1962	408,623,850	345,652,300	754,276,150
1963	451,360,800	390,610,800	841,971,600
1964	532,020,800	464,249,600	996,270,400
1965	632,567,600	543,029,600	1,175,597,200
1966	718,252,000	671,604,400	1,389,856,400
1967	783,604,000	749,020,000	1,532,624,000
1968	950,191,600	834,616,000	1,784,807,600
1969	1,295,766,400	981,417,200	2,277,183,600
1970	1,360,817,315	986,784,758	2,347,602,073
1971	1,649,497,029	1,095,759,074	2,745,256,103
1972	2,163,792,878	1,352,464,750	3,516,257,628
1973	2,582,223,238	1,570,293,253	4,152,516,691
1974	2,433,902,714	1,477,470,080	3,911,372,974
1975	1,791,216,492	1,164,231,182	2,955,447,674
1976	2,683,372,806	1,437,146,797	4,120,519,603
1977	3,264,487,814	1,541,671,701	4,806,159,515
1978	3,940,958,613	1,587,475,305	5,528,433,918
1979	3,990,624,988	1,945,812,933	5,936,442,921
1980	3,355,429,440	1,830,580,224	5,186,009,644
1981	3,795,551,720	2,268,348,029	6,081,899,749
1982	3,328,428,632	1,875,735,504	5,204,164,136
1983	4,935,690,000	2,190,224,000	7,125,914,000
1984	5,862,641,000	3,100,712,000	8,963,353,000
1985	6,146,715,000	2,999,588,000	9,146,303,000

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1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

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FOR IMMEDIATE RELEASE
May 13, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Field-engineered equipment -----

Estimated value breaks $6 billion mark

ARLINGTON, Va.-- The estimated installed value of field-engineered air conditioning equipment shipped in 1985 for installation in the United States climbed 22.85 percent to $6,515,994,000, breaking the $6 billion mark for the first time according to the Air-Conditioning and Refrigeration Institute. The 1984 previous record was $5,303,865,000.

Estimated installed value of unitary equipment rose 2.04 percent, from $8,963,353,000 in 1984 to $9,146,303,000 in 1985.

Combined, the estimated installed value of unitary equipment and field-engineered equipment, not including window air conditioners, rose 9.78 percent to $15,662,297,000 from the 1984 figure of $14,267,218,000. This total, the first to exceed $15 billion, is the highest annual value ever recorded for all air conditioning equipment shipped for installation in the United States.

Determinations of the installed value figure for field-engineered systems assume that only 7.5 percent of a system's cost represents the basic refrigeration machine. The remaining 92.5 percent represents air-handling equipment, labor, ducts, controls, plumbing, and other installation costs.

Field-engineered systems represented in this summary are the largest air conditioning systems, ranging in size from 20-ton capacity on up. In contrast to unitary equipment, field-engineered systems are assembled on site.

(more)

ESTIMATED INSTALLED VALUE OF FIELD-ENGINEERED EQUIPMENT

YEAR	VALUE ($)
1969	1,999,267,000
1970	2,136,040,000
1971	2,120,120,000
1972	1,945,293,000
1973	1,968,547,000
1974	2,082,507,000
1975	2,308,494,000
1976	1,915,227,000
1977	1,969,920,000
1978	2,066,920,000
1979	2,447,173,000
1980	3,438,600,000
1981	3,669,120,000
1982	3,605,533,000
1983	4,834,200,000
1984	5,303,865,000
1985	6,515,994,000

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from the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

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9/26

FOR IMMEDIATE RELEASE
May 13, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary equipment shipments -----

1985 second best year on record

ARLINGTON, Va. - Shipments in 1985 of unitary air conditioning equipment for use in both commercial and residential installations declined by 1.02 percent, but were second only to the record 1984 year, according to the Air-Conditioning and Refrigeration Institute.

Equipment for use in residential installations increased 1.2 percent in 1985, while equipment for use in commercial installations dropped 8.0 percent. The estimated residential units shipped totalled 2,711,380 in 1985, representing 82.4 percent of installed equipment. The other 17.6 percent of installed equipment was the estimated 579,130 commercial units shipped.

Total unitary shipments of 3,370,374 units fell just short of the record 3,405,126 units shipped in 1984.

The 1985 figures are in marked contrast to those of 32 years earlier when such statistics first were available. In 1953, 66.9 percent of unitary shipments were for commercial installations and only 33.1 percent were for residential installations. Two years later, however, in 1955, residential units accounted for 56.5 percent of units shipped. Residential units shipped have continued to dominate, and since 1977 have led by a margin of about 4 to 1.

The following summaries highlight distribution patterns of residential and commercial unitary air conditioning equipment since 1980. Also shown are export shipments which continue to fluctuate. In 1985 exports declined to 79,864 units compared to 96,698 in 1984. Figures for previous years are available on request.

(more)

		UNITS	PERCENT
1980			
	Residential	1,720,849	79.4
	Commercial	455,865	20.6
	U.S. Shipments	2,166,714	
	Export Shipments	126,366	
	Total Shipments	2,293,080	
1981			
	Residential	1,828,991	77.3
	Commercial	538,492	22.7
	U.S. Shipments	2,367,483	
	Export Shipments	130,769	
	Total Shipments	2,498,252	
1982			
	Residential	1,465,094	78.7
	Commercial	396,149	21.3
	U.S. Shipments	1,861,243	
	Export Shipments	98,280	
	Total Shipments	1,959,523	
1983			
	Residential	2,287,159	85.7
	Commercial	381,162	14.3
	U.S. Shipments	2,668,321	
	Export Shipments	76,407	
	Total Shipments	2,744,728	
1984			
	Residential	2,678,748	81.0
	Commercial	629,680	19.0
	U.S. Shipments	3,308,428	
	Export Shipments	96,698	
	Total Shipments	3,405,126	
1985	Residential	2,711,380	82.4
	Commercial	579,130	17.6
	U.S. Shipments	3,290,510	
	Export Shipments	79,864	
	Total Shipments	3,370,374	

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1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

FOR IMMEDIATE RELEASE
August 6, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

June up 5.2%, year 7.6% ahead;
Heat pumps 16.3% ahead of 1985

Latest key trend indicators compiled by ARI for the air conditioning, refrigeration, and heating industry confirm business is excellent, remaining 7.6 percent ahead of 1985 as of the end of June.

U.S. shipments of unitary air conditioners and heat pumps during June:
- o totalled 407,246,
- o up 5.2% from June 1985,
- o year-to-date total 1,946,366,
- o up 7.6% from January-June 1985.

Heat pump shipments included in the June figures:
- o totalled 89,244,
- o up 9.5% from June 1985,
- o year-to-date total 460,328,
- o up 16.3% from January-June 1985.

June factory stocks:
- o down 62,359 units from May,
- o down about 115,469 units from June 1985.

June distributor shipments:
- o up 7% from June 1985,
- o year-to-date shipments up 4%.

June distributor inventories:
- o up 3,137 units from May,
- o up 83,410 units from June 1985.

June U.S. dollar bookings of reciprocating liquid chillers:
- o down 9% from June 1985,
- o year-to-date up 8%.

(See reverse side for Condensed Summary by Size.)

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date JUNE 1986

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985
CONDENSED SUMMARY BY SIZE	Under 16.5		7469		7469	12.7-
	16.5-21.9		40046		40046	10.9-
	22-26.9		83085		83085	4.6+
	27-32.9		75204		75204	10.5+
	33-38.9		92352	88	92440	12.0+
	39-43.9		27850		27850	1.8+
	44-53.9		33143		33143	11.5+
	54-64.9		31881	220	32101	8.4+
	65-96.9		6628	117	6745	3.5-
	97-134.9		4336	74	4410	6.1-
	135-184.9		2408	53	2461	16.4-
	185-249.9		937	41	978	9.4+
	250-319.9		437	17	454	8.3-
	320-379.9		258	21	279	10.9-
	380-539.9		167	10-	157	36.2-
	540-639.9		176	25	201	41.5+
	640 and over		214	9	223	20.9-
	TOTAL		406591	655	407246	5.2+

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1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

FOR IMMEDIATE RELEASE
September 10, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

July up 14.4%, year 8.7% ahead;
Heat pumps 13.5% ahead of 1985

Latest key trend indicators compiled by ARI for the air conditioning, refrigeration, and heating industry verify that business remains excellent, increasing to 8.7 percent ahead of 1985 as of the end of July.

U.S. shipments of unitary air conditioners and heat pumps during July:
- o totalled 378,577,
- o up 14.4% from July 1985,
- o year-to-date total 2,324,943,
- o up 8.7% from January-July 1985.

Heat pump shipments included in the July figures:
- o totalled 86,159,
- o up 0.7% from July 1985,
- o year-to-date total 546,487,
- o up 13.5% from January-July 1985.

July factory stocks:
- o down about 17,700 units from June,
- o down 172,000 units from July 1985.

July distributor shipments:
- o up 30% from July 1985,
- o year-to-date shipments up 8%.

July distributor inventories:
- o down 65,200 units from June,
- o up some 28,100 units from July 1985.

July U.S. dollar bookings of reciprocating liquid chillers:
- o up 20% from July 1985,
- o year-to-date up 10%.

(See reverse side for Condensed Summary by Size.)

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date JULY, 1986

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985
CONDENSED SUMMARY BY SIZE	Under 16.5		6275		6275	14.3-
	16.5-21.9		36165		36165	16.6-
	22-26.5		78593		78593	22.1+
	27-32.9		68465		68465	27.2+
	33-38.9		85600	83	85683	23.5+
	39-43.9		26497		26497	10.0+
	44-53.9		30971		30971	11.9+
	54-64.9		30495	178	30673	23.5+
	65-96.9		6097	124	6221	9.5-
	97-134.9		4129	101	4230	1.8-
	135-184.9		2657	40	2697	6.3+
	185-249.9		841	31	872	17.4-
	250-319.9		376	22	398	12.7+
	320-379.9		235	15	250	2.0-
	380-539.9		253	8	261	23.7+
	540-639.9		96	20	116	35.6-
	640 and over		193	17	210	8.7-
	TOTAL		377938	639	378577	14.4+

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ARI News Release

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1501 Wilson Blvd., 6th Floor, Arlington, VA 22209, (703) 524-8800, Telex 89-2351, Telecopier (703) 528-3816

FOR IMMEDIATE RELEASE
October 10, 1986

FOR MORE INFORMATION
Bruce K. Davis, Director
Statistics & Business Research

Unitary shipments -----

August up 6.8%, year 8.5% ahead;
Heat pumps 11% ahead of 1985

Latest key trend indicators compiled by ARI for the air conditioning, refrigeration, and heating industry verify that business remains excellent, remaining 8.5 percent ahead of 1985 as of the end of August.

U.S. shipments of unitary air conditioners and heat pumps during August:

- o totalled 285,335,
- o up 6.8% from August 1985,
- o year-to-date total 2,610,278,
- o up 8.5% from January-August 1985.

Heat pump shipments included in the August figures:

- o totalled 66,795,
- o down 6.1% from August 1985,
- o year-to-date total 613,282,
- o up 11% from January-August 1985.

August factory stocks:

- o down about 90,100 units from July,
- o down 154,700 units from August 1985.

August distributor shipments:

- o up 18% from August 1985,
- o year-to-date shipments up 9%.

August distributor inventories:

- o down some 30,000 units from July,
- o down 1,200 units from August 1985.

August U.S. dollar bookings of reciprocating liquid chillers:

- o down 13% from August 1985,
- o year-to-date up 7%.

(See reverse side for Condensed Summary by Size.)

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date AUGUST 1986

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1985
CONDENSED SUMMARY BY SIZE	Under 16.5		4563		4563	12.5-
	16.5-21.9		30012		30012	10.9+
	22-26.9		54276		54276	4.6-
	27-32.9		50615		50615	11.2+
	33-38.9		60842	63	60905	9.6+
	39-43.9		22997		22997	12.3+
	44-53.9		25080		25080	9.2+
	54-64.9		24306	97	24403	4.0+
	65-96.9		4967	75	5042	26.1+
	97-134.9		3270	64	3334	28.5+
	135-184.9		1860	34	1894	10.8+
	185-249.9		864	25	889	88.3+
	250-319.9		388	19	407	8.0+
	320-379.9		272	22	294	5.4+
	380-539.9		193	41	234	2.9-
	540-639.9		136	42	178	35.9+
	640 and over		188	24	212	8.2+
	TOTAL		284829	506	285335	6.8+